

CRF Errors Corrected by the STIC Systems Branch

Serial Number: 09/840,746CRF Processing Date: 5/10/2001
Edited by: [Signature]
Verified by: [Signature] (STIC staff)**ENTERED**

- ☐ Changed a file from non-ASCII to ASCII
- ☒ Changed the margins in cases where the sequence text was "wrapped" down to the next line.
- ☐ Edited a format error in the Current Application Data section, specifically: _____
- ☐ Edited the Current Application Data section with the actual current number. The number inputted by the applicant was ☐ the prior application data; or ☐ other _____
- ☐ Added the mandatory heading and subheadings for "Current Application Data".
- ☐ Edited the "Number of Sequences" field. The applicant spelled out a number instead of using an integer.
- ☐ Changed the spelling of a mandatory field (the headings or subheadings), specifically: _____
- ☐ Corrected the SEQ ID NO when obviously incorrect. The sequence numbers that were edited were: _____
- ☐ Inserted or corrected a nucleic number at the end of a nucleic line. SEQ ID NO's edited: _____
- ☐ Corrected subheading placement. All responses must be on the same line as each subheading. If the applicant placed a response below the subheading, this was moved to its appropriate place.
- ☐ Inserted colons after headings/subheadings. Headings edited included: _____
- ☐ Deleted extra, invalid, headings used by an applicant, specifically: _____
- ☐ Deleted: ☐ non-ASCII "garbage" at the beginning/end of files; ☐ secretary initials/filename at end of file; ☐ page numbers throughout text; ☐ other invalid text, such as _____
- ☐ Inserted mandatory headings, specifically: _____
- ☐ Corrected an obvious error in the response, specifically: _____
- ☐ Edited identifiers where upper case is used but lower case is required, or vice versa.
- ☐ Corrected an error in the Number of Sequences field, specifically: _____
- ☐ A "Hard Page Break" code was inserted by the applicant. All occurrences had to be deleted.
- ☐ Deleted *ending* stop codon in amino acid sequences and adjusted the "(A)Length:" field accordingly (error due to a PatentIn bug). Sequences corrected: _____
- ☐ Other: _____

*Examiner: The above corrections must be communicated to the applicant in the first Office Action. DO NOT send a copy of this form.

OIPe

RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/840,746

DATE: 05/10/2001

TIME: 09:48:44

Input Set : A:\pc0039us_seqlist.txt

Output Set: N:\CRF3\05102001\I840746.raw

Does Not Comply
Corrected Diskette Needed

2 <110> APPLICANT: Chen, Huei-Mei
 3 Honchell, Cynthia D.
 4 Tang, Y. Tom
 6 <120> TITLE OF INVENTION: Mucin-Related Tumor Marker
 8 <130> FILE REFERENCE: PC-0039 US
 C--> 10 <140> CURRENT APPLICATION NUMBER: US/09/840,746
 C--> 11 <141> CURRENT FILING DATE: 2001-04-23
 13 <160> NUMBER OF SEQ ID NOS: 20
 14 <170> SOFTWARE: PERL Program

ERRORED SEQUENCES

155 <210> SEQ ID NO: 2
 156 <211> LENGTH: 6952
 157 <212> TYPE: DNA
 158 <213> ORGANISM: Homo sapiens
 160 <220> FEATURE:
 161 <221> NAME/KEY: misc_feature
 162 <223> OTHER INFORMATION: Incyte ID No: 182514CB1
 164 <400> SEQUENCE: 2

165 gttcgaatgaa agaattgccg cttttcaaac aaagagtga acagcctcgg agatgggaac 60
 166 agagagggcg atggggctgt cagaagaatg gactgtgcac agccaagagg ccaccacttc 120
 167 ggcttggagc ccttcctttc ttcctgcttt ggagatgga gagctgacca cgccttctag 180
 168 gaagagaaat tcctcaggac cagatctctc ctggctgcat ttctacagga cagcagcttc 240
 169 ctctcctctc ttagaccttt cctcaccttc tgaaagtaca gagaagctta acaactccac 300
 170 tggcctccag agctcctcag tcagtcaaac aaagacaatg catgttgcta ccggtgtcac 360
 171 tgatggtggc ccgagaacgc tgcgatcttt gacggtcagt ctgggacctg tgagcaagac 420
 172 agaaggcttc cccaaggact ccagaattgc cagcacttca tcctcagtc ttctttcacc 480
 173 ctctgcagtg gaatcgagaa gaaacagtag agtaactggg aatccagggg atgaggaatt 540
 174 cattgaacca tccacagaaa atgaatttgg acttacgtct ttgcgtggca aaatgattcc 600
 175 ccaacctttg gagaacatca gcttgccagc agctctgagg tgcaaaatgg aagtcctcatg 660
 176 tctcagactg agactgtgtc taggtcagtc gcacccatga gaggtggaga gatcactgca 720
 177 cactggctct tgaccaacag cacaacatct gcagatgtga caggaagctc tgcttcata 780
 178 cctgaagggtg tgaatgcttc agtgttgacc cagttctcag actctactgt acagtctgga 840
 179 ggaagtcaac cagcattggg agataggagt tattcagagt cttcatctac atcttcctcg 900
 180 gaaagcttga attcatcagc accacgtgga gaacgttcaa tcgctgggat tagctacggt 960
 E--> 181 caagtgcgtg gcacagctat tgaacaaagg acttccagcg accacacaga ccacacctac 1020
 182 1020
 E--> 183 ctgtcatcta ctttcaccaa aggagaacgg gcgttactgt ccattacaga taacagttca 1080
 184 1080
 E--> 185 tcctcagaca ttgtggagag ctcaacttct tatattaaaa tctcaaactc ttcacattca 1140
 186 1140
 E--> 187 gagtattcct ctttttctca tgcctcagact gagagaagta acatctcatc ctatgacggg 1200
 188 1200
 E--> 189 gaatatgctc agccttctac tgagtcgcca gttctgcata catccaacct tccgtcctac 1260
 190 1260

↓ format error

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Output Set: N:\CRF3\05102001\I840746.raw

E--> 191 acaccaccca ttaatatgcc gaacacttcg gttgttctgg acactgatgc tgagtttgtt
 192 1320
 E--> 193 agtgactcct cctcctcctc ttctcctcctc tctcttctctt cttcttcagg gcctcctttg
 194 1380
 E--> 195 cctctgccct ctgtgtcaca atcccaccat ttattttcat caattttacc atcaaccagg
 196 1440
 E--> 197 gcctctgtgc atctactaaa gtctacctct gatgcatcca caccatgggc ttcctcacca
 198 1500
 E--> 199 tcacctttac cagtatcctt aacgacatct acatctgccc cactttctgt ctcacaaaca
 200 1560
 E--> 201 accttgccac agtcatcttc taccctgtgc ctgcccaggg caaggagagac tctgtgact
 202 1620
 E--> 203 tcatttcaga catcaacaat gacatcattc atgacaatgc tccatagtag tcaaactgca
 204 1680
 E--> 205 gaccttaaga gccagagcac cccacaccaa gagaaagtca ttacagaatc aaagtaccca
 206 1740
 E--> 207 agcctgggtg ctctgccac agagtccacc aaagctgtaa caacaaactc tctttgctt
 208 1800
 E--> 209 ccatccttaa cagagtcttc cacagagcaa acccttccag ccacaagcac caacttagca
 210 1860
 E--> 211 caaatgtctc caactttcac aactaccatt ctgaagacct ctcagcctct tatgaccact
 212 1920
 E--> 213 cctggcacc cgtcaagcac agcatctctg gtcactggcc ctatagccgt acagactaca
 214 1980
 E--> 215 gctggaaaac agctctcgct gacctatcct gaaatactag ttcctcaa atctcaacagaa
 216 2040
 E--> 217 ggtggcatca gcacagaaaag gaaccgagtg attgtggatg ctaccactgg attgatccct
 218 2100
 E--> 219 ttgaccagtg taccacatc agcaaaaagaa atgaccacaa agcttggcgt tacagcagag
 220 2160
 E--> 221 tacagcccag cttcacgttc cctcggaaca tctccttctc cccaaaccac agttgtttcc
 222 2220
 E--> 223 acggtgaag acttggctcc caaatctgcc acctttgctg ttcagagcag cacacagtca
 224 2280
 E--> 225 ccaacaacac tgcctcttc agcctcagtc aacagctgtg ctgtgaaccc ttgtcttcac
 226 2340
 E--> 227 aatggcgaat gcgtgcgaga caacaccagc cgtggctacc actgcagggt cccgccttcc
 228 2400
 E--> 229 tggcaagggg atgattgcag tgtggatgtg aatgagtgcc tgtcgaaccc ctgcccaccc
 230 2460
 E--> 231 acagccacgt gcaacaatac tcagggatcc tttatctgca aatgcccggg tgggtaccag
 232 2520
 E--> 233 ttggaaaaag ggatatgcaa tttgggttaga accttcgtga cagagtttaa attaaagaga
 234 2580
 E--> 235 acttttctta atacaactgt ggaaaaacat tcagacctac aagaagtga aaatgagatc
 236 2640
 E--> 237 accaaaacgt taaatatgtg tttttcagcg ttacctagt acatccgac tacagttcac
 238 2700
 E--> 239 gcctctaggg agtccaacgc ggtgggtgac tcaactgcaa caaccttttc cctggcctcc

Done

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```

240 2760
E--> 241 aatgtgacgc tatttgacct ggctgatagg atgcagaaat gtgtcaactc ctgcaagtcc
242 2820
E--> 243 tctgctgagg tctgccagct cttgggatct cagagggcga tctttagagc gggcagcttg
244 2880
E--> 245 tgcaagcgga agagtccga atgtgacaaa gacacctcca tctgactga cctggacggc
246 2940
E--> 247 gttgccctgt gccagtgcaa gtcgggatac tttcagttca acaagatgga ccactcctgc
248 3000
E--> 249 cgagcatgtg aagatggata taggcttgaa aatgaaacct gcatgagttg ccattttggc
250 3060
E--> 251 cttggtggtc tcaactgttg aaacccttat cagcttatca ctgtggtgat cgcagccgcg
252 3120
E--> 253 ggaggtgggc tcctgctcat cctaggcatc gcaactgattg ttacctgttg cagaaagaat
254 3180
E--> 255 aaaaatgaca taagcaaaact catcttcaaa agtggagatt tccaaatgtc cccatatgct
256 3240
E--> 257 gaatacccca aaaatcctcg ctcacaagaa tggggccgag aagctattga aatgcatgag
258 3300
E--> 259 aatggaagta ccaaaaacct cctccagatg acggatgtgt actactgcc tacaagtga
260 3360
E--> 261 aggaatccag aacttgaacg aaacggactc taccggcct acactggact gccaggatca
262 3420
E--> 263 cggcattctt gcattttccc cggacagtat aaccgctctt tcactagtga tgaaagcaga
264 3480
E--> 265 agaagagact acttttaagt ccaggagaga gagggactca ttgctctgag ccagtcacct
266 3540
E--> 267 gggcctctg ctcagaggac cgcaccagga ggctgcgcc aggatttgct gggagccacg
268 3600
E--> 269 ctgagtggca agcaggaaga gggacaggca tgcggggcgt gaccacagtg gaggagacag
270 3660
E--> 271 gtggatgttg aaccacaggc tgctcattca gcaccttctg ttgtactgtg aacgtgaatg
272 3720
E--> 273 tgggccagta tcaagagagt ctctctgagt gactgcacca tggcactggc accagggcga
274 3780
E--> 275 ctattagcca gggcagacca ctgacttca gtgcaggagc ctggttttcc cttcgtttgc
276 3840
E--> 277 actttagtaa attgggtggg aggtttcctt ttggatctgt tttgagactg ttccagaaag
278 3900
E--> 279 aaggttccct tccccgagac acttccatag gcagcaattt ggtgattcat ttgcagcaaa
280 3960
E--> 281 atactggctt gtttaattatt ttctgccca gcgcctgcgt gctaaacaac agatgaggat
282 4020
E--> 283 gagcgtacca ctgaagtctg aagatgtcgc cattgaacgg acagtgtttt catatgtttc
284 4080
E--> 285 taggttgtct tatgtacag tttccaagcc agccccaca gtgaggaaat gtgtgaggca
286 4140
E--> 287 ccgcacacaa ctgcaatgtg ttttttaagt caaggtgaca catgtattta agattttttt
288 4200

```

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E--> 289 ttaaaatctc tttgcagtta aatctcactt tttcaaaca gcctggatca gggcaaaaca
290 4260
E--> 291 acttatatatt ggttttagct ggaggtcag caggcagatt gcaggcagg gggcactttt
292 4320
E--> 293 catccatgag ggcccagcct ggggcctggg actctgatca ccattgtgga ggccagaggc
294 4380
E--> 295 agctgcgtat ggaggagaaa tgtcaaactg aacgcagggt tcaccactct aggaagcag
296 4440
E--> 297 cttgttgagc ccctgcagct ggatgtggtt agagggatgg gctgaatagg caggtagat
298 4500
E--> 299 ttctctgcatc aacagtgtt tgggaagctg tgtggattcc tgaggaagaa caggagaccg
300 4560
E--> 301 agatggagcc acacatgagt ttgtcaccg gctactgcag cactttgtac ccagaatctc
302 4620
E--> 303 atgtccacaa accccatgta aactttcaac cactcaaagc tgtttattcg gctgaagaaa
304 4680
E--> 305 taactttttt ttctcaccca gtcatattgta cctcttcata tggtgtgtc gcacctcca
306 4740
E--> 307 gaaacgtggt tatacttcca gtcagtgtgg gagaactgaa gacttccggt tggtcgagga
308 4800
E--> 309 actgagggtt gaccttcggg aaggaagttc cactcatctt atttattatg cctgtgatgt
310 4860
E--> 311 gggctctgcc agggagacat ccagtactcg gtgtctttaa ttgccacctg gggaactgtg
312 4920
E--> 313 tttattggcc ttctttgggg catcctggtt ttggatgaag tgaggggaat acagaggtaa
314 4980
E--> 315 aagaattgtc tccacctga agcggggagt cccgcttcac atttctggaa atggtgcagc
316 5040
E--> 317 cactggggac agttctgccc cgggcatggt tgtttcttca aggtcctcta aatataatcc
318 5100
E--> 319 ctattcttac ataactcttg gccctgatgg ttttaagcaa gaactcctgt gtcccatggt
320 5160
E--> 321 ctccaccact caccatcacc ctgtgttagc aagagtccta gtcaggggag gtgcatttta
322 5220
E--> 323 gtagttaaatt tgcacttacc catgagataa ataaaaggag aactgttttt atcagtggag
324 5280
E--> 325 gctaacctaa aatttcaaag tgcgccttt ttgaaatctt gggcctctct ctctgtagaa
326 5340
E--> 327 ccaatggccc tttgtggctc acggcctcgc acctaaactg agagttctga gctcctgcag
328 5400
E--> 329 ctacactgag cccacagact aggttctttg gtccttccg cagcatgcct gtcaccccc
330 5460
E--> 331 agaaccgca gctgtgggaa gagccatgta gggaggctat tcccaggcat acacttccac
332 5520
E--> 333 tgccttcagc tgacgtcaca gctgacaaat catctcctct atcggagcca gaagacttca
334 5580
E--> 335 gctccacaaa atgaagtgtt ctgtcctgaa aacattcttg ggaagaatcc caacatcgag
336 5640
E--> 337 aaaaagggtg cctgtgagtt ccaacaatgc ttcttgttca tgggtttctt ccgtatggag

RAW SEQUENCE LISTING
PATENT APPLICATION: US/09/840,746

DATE: 05/10/2001
TIME: 09:48:44

Input Set : A:\pc0039us_seqlist.txt
Output Set: N:\CRF3\05102001\I840746.raw

338 5700
E--> 339 tggattaaga gtgttttatt ttgttgttct aactgagaaa aaaaggaggc acccacaagg
340 5760
E--> 341 ttgaggtcac acagtctcca cagtttccag gaggcgtttg ggggtgggga aggcacctcc
342 5820
E--> 343 agagcatgag gctctaaggg gacatgagta aagcatgtct gtgacctagt gaggaagggg
344 5880
E--> 345 gaggccagct gcactcctgc acgggggttc tagctgcaga aggggtccgc ctaggccgag
346 5940
E--> 347 gggaaacacc tgatagcaga agaggcctgg atgcacacct ggcacgccga ggctctccgc
348 6000
E--> 349 ccagacacag tgctccatgt cagcccctgc acctgggggtg tgtgattcac gtgcacagat
350 6060
E--> 351 gccacaatcc tgcaccaata tcccacagat gggggaaggt gagaggaagg ggcaagtgat
352 6120
E--> 353 gtgtaactgc tcaagagatg cttaaaccctc catagagagg agccgggggc aggggcatct
354 6180
E--> 355 gtgtgtcccg tcacacactg cagcagggaa ggggtggctgg ctggctccct ggcatcagt
356 6240
E--> 357 gtttggttta agctccagag ggtcttattg ccattgtctt ttctctgcc ccttgagcca
358 6300
E--> 359 gcctaaggcc ctggagtctg tttctttagg cggatgaact gacatgctcc taccatgacc
360 6360
E--> 361 aggtctctgg caaggctcct cacagtatcc ttgagaggtg ggcatggaag tgccatttc
362 6420
E--> 363 tcaggtagag aaaccttcag agaggataaa tagcttgccc tgtagaagca ggactgaaac
364 6480
E--> 365 ccttgctccg ctgactcccc cagctactct gccactgta gcccctgcc ttactgtcct
366 6540
E--> 367 ggcacacccc tcaccatcct gtatacctta aatatcaaag agggcaagag agaaagggt
368 6600
E--> 369 ttaaagataa gttatTTTTT taaggaaacct taatattatt ttaagaagt aaccaaatta
370 6660
E--> 371 gtgacgtgaa atgcaaaaaa aaaaaaaaaa aatgctgact acccttttga aaatgtgctt
372 6720
E--> 373 tcagattgtt ttttatatgt aattcttaga cacttgatcat taagaaaata gtggctggct
374 6780
E--> 375 tgtgctcagc aagaagcaca ctggcacgtg gctttggtat aggaagtga aggcaaggac
376 6840
E--> 377 ctgggtttct gacaagtgcc gtcagactta ccctccatc tggagagctg gtggctttgg
378 6900
E--> 379 tcccctgggt agggccatgg gttcccact attactggga agctataggg tg
380 6952

Some

VERIFICATION SUMMARY

PATENT APPLICATION: US/09/840,746

DATE: 05/10/2001

TIME: 09:48:45

Input Set : A:\pc0039us_seqlist.txt

Output Set: N:\CRF3\05102001\I840746.raw

L:10 M:270 C: Current Application Number differs, Replaced Current Application Number

L:11 M:271 C: Current Filing Date differs, Replaced Current Filing Date

L:181 M:254 E: No. of Bases conflict, LENGTH:Input:0 Counted:1020 SEQ:2

M:254 Repeated in SeqNo=2

L:658 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:15

L:659 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:15

L:678 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:16

L:679 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:16

L:680 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:16

L:681 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:16

L:700 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:17

L:702 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:17